46

(B) TYPE: nucleic acid

RAW SEQUENCE LISTING PATENT APPLICATION US/08/846,658A

Paper H C

DATE: 06/09/98 TIME: 08:43:23

INPUT SET: S26559.raw

This Raw Listing contains the General Information Section and up to the first 5 pages.

```
1
                                       SEQUENCE LISTING
 2
            General Information:
 3
    (1)
                                                               ENTERED
 4
 5
       (i) APPLICANT: Adair, John R.
                      Athwal, Diljeet S.
 6
                      Emtage, John S.
 7
 8
       (ii)
                 TITLE OF INVENTION: Humanised Antibodies
 9
10
       (iii)
                 NUMBER OF SEQUENCES: 30
11
12
       (iv)
                 CORRESPONDENCE ADDRESS:
13
                 ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & Norris
14
            (A)
                 STREET: One Liberty Place - 46th Floor
15
            (B)
                 CITY:
                         Philadelphia
16
            (C)
17
            (D)
                 STATE: PA
                 COUNTRY: USA
18
            (E)
                 ZIP: 19103
19
            (F)
20
       (V) COMPUTER READABLE FORM:
21
22
            (A) MEDIUM TYPE: Floppy disk
                 COMPUTER: IBM PC compatible
23
            (B)
24
            (C)
                 OPERATING SYSTEM: PC-DOS/MS-DOS
                 SOFTWARE: PatentIn Release #1.0, Version #1.25
25
            (D<sub>i</sub>)
26
27
       (vi)
                 CURRENT APPLICATION DATA:
28
                 APPLICATION NUMBER: US 08/846,658
            (A)
29
                 FILING DATE: 01-MAY-1997
            (B)
                 CLASSIFICATION:
30
            (C)
31
32
       (viii)
                 ATTORNEY/AGENT INFORMATION:
33
                 NAME: Trujillo, Doreen Yatko
            (A)
34
                 REGISTRATION NUMBER: 35,719
            (B)
                 REFERENCE/DOCKET NUMBER: CARP-0057
35
            (C)
36
37
       (ix)
                 TELECOMMUNICATION INFORMATION:
                 TELEPHONE: (215) 568-3100
38
            (A)
39
            (B)
                 TELEFAX: (215) 568-3439
40
41
    (2) INFORMATION FOR SEQ ID NO:1:
42
43
44
       (i) SEQUENCE CHARACTERISTICS:
45
            (A) LENGTH: 20 base pairs
```

RAW SEQUENCE LISTING PATENT APPLICATION US/08/846,658A

DATE: 06/09/98 TIME: 08:43:24

```
(C) STRANDEDNESS: single
47
48
            (D) TOPOLOGY: linear
49
         (ii) MOLECULE TYPE: cDNA
50
51
52
       (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:
53
54
    TCCAGATGTT AACTGCTCAC
                                                                      20
55
56
57
    (2) INFORMATION FOR SEQ ID NO:2:
58
59
       (i) SEQUENCE CHARACTERISTICS:
60
            (A) LENGTH: 23 base pairs
            (B) TYPE: nucleic acid
61
            (C) STRANDEDNESS: single
62
63
            (D) TOPOLOGY: linear
64
65
       (ii) MOLECULE TYPE: cDNA
66
67
68
69
       (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:
70
    CAGGGGCCAG TGGATGGATA GAC
                                                                      23
71
72
73
    (2) INFORMATION FOR SEQ ID NO:3:
74
       (i) SEQUENCE CHARACTERISTICS:
75
            (A) LENGTH: 9 amino acids
76
            (B) TYPE: amino acid
77
78
            (C) STRANDEDNESS: single
            (D) TOPOLOGY: linear
79
80
81
       (ii) MOLECULE TYPE: peptide
82
83
84
       (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:
85
86
87
    Leu Glu Ile Asn Arg Thr Val Ala Ala
88
89
90
    (2) INFORMATION FOR SEQ ID NO:4:
91
      (i) SEQUENCE CHARACTERISTICS:
92
93
            (A) LENGTH: 943 base pairs
94
            (B) TYPE: nucleic acid
95
            (C) STRANDEDNESS: single
            (D) TOPOLOGY: linear
96
97
98
       (ii) MOLECULE TYPE: cDNA
99
```

RAW SEQUENCE LISTING PATENT APPLICATION US/08/846,658A

DATE: 06/09/98 TIME: 08:43:27

														II!	<i>NPUT</i>	SET:	S26559.raw
100					_												
101		•) FE				_										
102						: CD:		_									
103	(B) LOCATION: 18722																
104	(ix) FEATURE:																
105		•	•														
106						: ma		_	е								
107			(B) 1	LOCA'	rion	: 84	72	2									
108																	
109																	
110		(xi) SE	QUEN	CE D	ESCR:	IPTI	ON:	SEQ	ID	NO:	4:					
111																	
112	GAA'	rtcc(CAA A	AGAC		ATG (50
113						Met i	_		Gln '	Val (Gln :			Ser 1	Phe 1	Leu	
114					•	-22	•	-20				•	-15				
115																	
116						GTC											98
117	Leu		Ser	Ala	Ser	Val		Ile	Ser	Arg	СТĀ	_	Ile	Val	Leu		
118		-10					-5					1				5	
119																	
120						ATG											146
121	GIn	Ser	Pro	Ala		Met	Ser	ATa	Ser		GTÀ	GIu	Lys	Val		Met	
122					10					15					20		
123																	
124																CAG	. 194
125	Thr	Cys	Ser		Ser	Ser	Ser	Val		Tyr	Met	Asn	Trp	_	GIn	GIn	-
126				25					30					35			
127		ma.			maa				maa		m . m	a. a		maa		ama	242
128						CCC											242
129	гаг	Ser	_	Thr	ser	Pro	гаг	_	Trp	тте	Tyr	ASP		ser	Lys	rea	
130			40					45					50				
131 132	O O III	mam	003	ama	aam	GCT	ava	mma	3 00	aaa	» am	aaa	mam	aaa	200	mam	290
132						Ala											290
134	АТа	55	СТУ	Val	FIU	АТа	60	FIIE	Arg	СТУ	Ser	65	Der	GIY	1111	Ser	
135		33					00					0.5					
136	ሞልሮ	ጥርጥ	CTC	A C A	አጥሮ	AGC	aac	አጥር	GAG	CCT	GAA	G እ ጥ	COT	acc	λст	ጥለጥ	338
137						Ser											. 330
138	70	Ser	пса	****	116	75	OT 3	MCC	GIG	AIG	80	rob	ALG	AIG	****	85	
139	, 0					, 5					00					03	
140	ጥልሮ	ሞርሮ	CAG	CAG	таа	AGT	ΔСΤ	ልልሮ	רכא	መመር	ACG	ጥጥር	aac	ጥሮር	aaa	ΔαΔ	386
141						Ser											300
142	- 1 -	0,5	01	U	90	D C1	501			95	••••		01,	501	100		
143					- 0					, ,							
144	AAG	ттс	GAA	ΔΤΔ	AAC	CGG	GCT	СΑТ	ACT	GCA	CCA	ACT	СΤΑ	TCC	ATC	TTC	. 434
145						Arg											,
146	2,5		014	105		9		p	110	71.1.4			• • • •	115			
147																	
148	CCA	CCA	TCC	AGT	GAG	CAG	ТΤΑ	ACA	тст	GGA	GGT	GCC	TCA	GTC	GTG	TGC	482
149						Gln											.02
150			120					125		1	1		130			-1-	
151																	
152	TTC	TTG	AAC	AAC	TTC	TAC	CCC	AAA	GAC	ATC	ААТ	GTC	AAG	TGG	AAG	ATT	530
												-10					550

RAW SEQUENCE LISTING PATENT APPLICATION US/08/846,658A

DATE: 06/09/98 TIME: 08:43:28

														I	<i>IPUT</i>	SET: S26559.raw	
153	Phe	Leu	Asn	Asn	Phe	Tyr	Pro	Lys	Asp	Ile	Asn	Val	Lys	Trp	Lys	Ile	
154		135				-	140	-	_			145	_	_	•		
155																	
156																	
157	GAT	GGC	AGT	GAA	CGA	CAA	AAT	GGC	GTC	CTG	AAC	AGT	TGG	ACT	GAT	CAG	578
158				Glu													
159	150	0_1			5	155		2			160					165	
160	100					100											
161	GAC	AGC		GAC	AGC	ACC	ጥልሮ	AGC	ΔТС	AGC	AGC	ACC	CTC	ACG	ጥጥር	ACC	626
162				Asp													
163	кэр	Ser	гуз	ASP	170	1111	- 7 -	501	1.100	175	JCI			****	180	••••	
164					170					175					100		
165	220	C A C	~ 3~	TAT	CAA	CCA	СУП	አአሮ	NGC.	ጥልጥ	אממ	ጥርጥ	GAG	GCC	ልሮሞ	CAC	674
				Tyr													0,4
166	Lys	ASP	GIU	_	GIU	Arg	urs	ASII		ıyı	IIII	Cys	GIU	195	1111	nis	
167				185					190					193			
168								ama		3.00	mma		100	3 3 m	030	mam	722
169				ACT													122
170	Lys	Thr		Thr	Ser	Pro	IIe		_	Ser	Phe	Asn			GTU	cys	
171			200					205	5				210)			
172																	
173	TAG	AGAC	AAA (GTC(CTGA	GA CO	GCCA(CCAC	CAG	CTCCC	CAGC	TCC	ATCC'	rat (CTTC	CCTTCT	782
174																	
175	AAG	GTCT'	rgg /	AGGC	TTCC	CC AC	CAAG	CGCT	r acc	CACTO	TTG	CGG'	rgcto	CTA A	AACC'	rcctcc	842
176																	
177	CAC	CTCC	rtc '	rccto	CCTC	CT C	CCTT	rcct'	r GG	TTTT	PATC	ATG	CTAA'	PAT !	rtgc/	AGAAAA	902
178								•									
179	THE A THE	יממחיז	ממיז	A CTC I	AGTC	יידי ידין	ייתכתיי	rgaa.	A A A	AAAA	ΔΔΔ	A					943
1/7	IMI	· CIMI	inn	70101			300I										740
180	IAI	CILLI	· AA	10101	.010		3001										710
																	715
180				rion								-					743
180 181												-					743
180 181 182		INF	ORMA'		FOR	SEQ	ID 1	NO : 5	:			-					720
180 181 182 183		INF	ORMA'	rion Sequi	FOR ENCE	SEQ CHAI	ID I	NO:5	:	ı		-					720
180 181 182 183 184		INF	ORMA'	TION SEQUE	FOR ENCE	SEQ CHAI ENGTI	ID I	NO:5: ERIS:	: FICS mino	ı		-			·		710
180 181 182 183 184 185		INF	ORMA'	TION SEQUE ()	FOR ENCE A) LI 3) T	SEQ CHAI ENGTI YPE:	ID I RACTI H: 2:	NO:5: ERIS' 35 ar	: rics mino cid	ı							713
180 181 182 183 184 185		INF	ORMA'	TION SEQUE ()	FOR ENCE A) LI 3) T	SEQ CHAI ENGTI YPE:	ID I RACTI H: 2: amin	NO:5: ERIS' 35 ar	: rics mino cid	ı							713
180 181 182 183 184 185 186		INFO	ORMA'	TION SEQUE ()	FOR ENCE A) LI B) TO	SEQ CHAI ENGTI YPE: OPOLO	ID I RACTI H: 2: amin OGY:	NO:5: ERIST 35 am no ac line	: TICS mino cid ear	ı							713
180 181 182 183 184 185 186 187		INFO	ORMA'	FION SEQUE (1 (1	FOR ENCE A) LI B) TO	SEQ CHAI ENGTI YPE: OPOLO	ID I RACTI H: 2: amin OGY:	NO:5: ERIST 35 am no ac line	: TICS mino cid ear	ı							713
180 181 182 183 184 185 186 187 188		INFO	ORMA'	FION SEQUE (1 (1	FOR ENCE A) Li B) TO	SEQ CHAI ENGTI YPE: DPOLO	ID 1 RACTI H: 2: amin DGY:	NO:5: ERIST 35 am no ac line rote:	: rics nino cid ear in	ació	is						713
180 181 182 183 184 185 186 187 188 189		INFO	ORMA'	FION SEQUE (1) (1)	FOR ENCE A) Li B) TO	SEQ CHAI ENGTI YPE: DPOLO	ID 1 RACTI H: 2: amin DGY:	NO:5: ERIST 35 am no ac line rote:	: rics nino cid ear in	ació	is						713
180 181 182 183 184 185 186 187 188 189 190 191	(2)	INFO	ORMA' (i) : ii) :	TION SEQUE	FOR ENCE A) LI B) TO CULE ENCE	SEQ CHAI ENGTI YPE: DPOLO TYPI	ID I RACTI H: 2: amii OGY: E: p:	NO:5: ERIST 35 am no ac line rote:	: rics mino cid ear in	acio	is No:!	5:	Ile	Ser	Ala	Ser	713
180 181 182 183 184 185 186 187 188 189 190 191 192 193	(2)	INFO	ORMA (i) : ii) : ki) :	FION SEQUE (1) (1)	FOR ENCE A) LI B) TO CULE ENCE	SEQ CHAI ENGTI YPE: DPOLO TYPI	ID I RACTI H: 2: amii OGY: E: p:	NO:5: ERIST 35 am no ac line rote:	: rics mino cid ear in	acio	is No:!	5:	Ile	Ser	Ala	Ser	713
180 181 182 183 184 185 186 187 188 189 190 191 192 193 194	(2)	INFO	ORMA' (i) : ii) :	TION SEQUE	FOR ENCE A) LI B) TO CULE ENCE	SEQ CHAI ENGTI YPE: DPOLO TYPI	ID I RACTI H: 2: amii OGY: E: p:	NO:5: ERIST 35 am no ac line rote: FION	: rics mino cid ear in	acio	is No:!	5:		Ser	Ala	Ser	
180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195	(2) Met -22	INFO	ORMA' (i) : ii) : ki) : Phe -20	FION SEQUE () (1) MOLEGE SEQUE Gln	FOR ENCE A) LI B) TO CULE ENCE Val	SEQ CHAI ENGTI YPE: DPOLO TYPI DESO	ID I RACTI H: 2: amii OGY: E: p: CRIP	NO:5: ERIST 35 am no ac line rote: FION: Phe -15	: FICS mino cid ear in : SE(acio	ds NO:! Leu	5: Leu	-10				
180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196	(2) Met -22	INFO	ORMA' (i) : ii) : ki) : Phe -20	TION SEQUE	FOR ENCE A) LI B) TO CULE ENCE Val	SEQ CHAI ENGTI YPE: DPOLO TYPI DESO	ID 1 RACTI H: 2: amin OGY: E: p: CRIP Ile	NO:5: ERIST 35 am no ac line rote: FION: Phe -15	: FICS mino cid ear in : SE(acio	ds NO:! Leu	5: Leu	-10			Ile	
180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196	(2) Met -22	INFO	ORMA' (i) ; ii) ; ki) ; Phe -20	FION SEQUE () (1) MOLEGE SEQUE Gln	FOR ENCE A) LI B) TO CULE ENCE Val	SEQ CHAI ENGTI YPE: DPOLO TYPI DESO	ID I RACTI H: 2: amii OGY: E: p: CRIP	NO:5: ERIST 35 am no ac line rote: FION: Phe -15	: FICS mino cid ear in : SE(acio	NO:! Leu Thr	5: Leu	-10				
180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198	(2) Met -22 Val	INFO	ORMA' (i) : ii) ! ki) : Phe -20 Ile	FION SEQUE () (1) MOLEG SEQUE Gln Ser	FOR ENCE A) LI B) TO CULE ENCE Val	SEQ CHAI ENGTH YPE: DPOLO TYPH DESO Gln	ID 1 RACTI H: 2: amin DGY: E: p: CRIP Ile Gln 1	NO:5: ERIST 35 am no ac line rote: FION Phe -15	: FICS mino cid ear in : SEC Ser	acio 2 ID Phe Leu	NO:! Leu Thr	5: Leu Gln	-10 Ser	Pro	Ala	Ile 10	
180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199	(2) Met -22 Val	INFO	ORMA' (i) : ii) ! ki) : Phe -20 Ile	FION SEQUE () (1) MOLEGE SEQUE Gln	FOR ENCE A) LI B) TO CULE ENCE Val Arg	SEQ CHAI ENGTH YPE: DPOLO TYPH DESO Gln	ID 1 RACTI H: 2: amin DGY: E: p: CRIP Ile Gln 1	NO:5: ERIST 35 am no ac line rote: FION Phe -15	: FICS mino cid ear in : SEC Ser	acio Phe Leu	NO:! Leu Thr	5: Leu Gln	-10 Ser	Pro	Ala	Ile 10	
180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200	(2) Met -22 Val	INFO	ORMA' (i) : ii) ! ki) : Phe -20 Ile	FION SEQUE () (1) MOLEG SEQUE Gln Ser	FOR ENCE A) LI B) TO CULE ENCE Val	SEQ CHAI ENGTH YPE: DPOLO TYPH DESC Gln	ID 1 RACTI H: 2: amin DGY: E: p: CRIP Ile Gln 1	NO:5: ERIST 35 am no ac line rote: FION Phe -15	: FICS mino cid ear in : SEC Ser	acio 2 ID Phe Leu	NO:! Leu Thr	5: Leu Gln	-10 Ser	Pro	Ala	Ile 10	
180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201	Met -22 Val	INFO	ORMA' (i); ii); Phe -20 Ile Ala	FION SEQUE () (1) MOLEC SEQUE Gln Ser	FOR ENCE A) LI B) TO CULE ENCE Val Arg Pro 15	SEQ CHAI ENGTH YPE: DPOLO TYPH DESO Gln Gly	ID 1 RACTI H: 2: amin OGY: E: p: CRIP Ile Gln l Glu	NO:5: ERIST 35 ar no ac line rote: FION Phe -15 Ile	: FICS mino cid ear in : SEC Val	acio 2 ID Phe Leu Thr 20	NO:! Leu Thr 5 Met	5: Leu Gln Thr	-10 Ser Cys	Pro	Ala Ala 25	Ile 10 Ser	
180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202	Met -22 Val	INFO	ORMA' (i); ii); Phe -20 Ile Ala	FION SEQUE (1) MOLEC SEQUE Gln Ser Ser	FOR ENCE A) LI B) TO CULE ENCE Val Arg Pro 15	SEQ CHAI ENGTH YPE: DPOLO TYPH DESO Gln Gly	ID 1 RACTI H: 2: amin OGY: E: p: CRIP Ile Gln l Glu	NO:5: ERIST 35 ar no ac line rote: FION Phe -15 Ile	: FICS mino cid ear in : SE Val Val	acio 2 ID Phe Leu Thr 20	NO:! Leu Thr 5 Met	5: Leu Gln Thr	-10 Ser Cys	Pro Ser Gly	Ala Ala 25	Ile 10	
180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203	Met -22 Val	INFO	ORMA' (i); ii); Phe -20 Ile Ala	FION SEQUE () (1) MOLEC SEQUE Gln Ser	FOR ENCE A) LI B) TO CULE ENCE Val Arg Pro 15	SEQ CHAI ENGTH YPE: DPOLO TYPH DESO Gln Gly	ID 1 RACTI H: 2: amin OGY: E: p: CRIP Ile Gln l Glu	NO:5: ERIST 35 ar no ac line rote: FION Phe -15 Ile Lys	: FICS mino cid ear in : SEC Val	acio 2 ID Phe Leu Thr 20	NO:! Leu Thr 5 Met	5: Leu Gln Thr	-10 Ser Cys	Pro Ser	Ala Ala 25	Ile 10 Ser	
180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202	Met -22 Val Met	INFO	ORMA' (i); ii); Phe -20 Ile Ala Val	FION SEQUE (1) MOLEC SEQUE Gln Ser Ser	FOR ENCE A) LI B) TO CULE ENCE Val Arg Pro 15	SEQ CHAI ENGTH YPE: DPOLO TYPH DESC Gln Gly Gly Met	ID 1 RACTI H: 2: amin OGY: E: p: CRIP Ile Gln l Glu Asn	NO:5: ERIST 35 ar no ac line rote: FION Phe -15 Ile Lys Trp	: FICS mino cid ear in : SE(Val Val Tyr 35	acio 2 ID Phe Leu Thr 20 Gln	NO:! Leu Thr 5 Met	5: Leu Gln Thr	-10 Ser Cys Ser	Pro Ser Gly	Ala Ala 25 Thr	Ile 10 Ser	

258

RAW SEQUENCE LISTING PATENT APPLICATION US/08/846,658A

DATE: 06/09/98 TIME: 08:43:30

														II.	YPUI	SEI: 3
206			45					50					55			
207			_,		a 1		a 1	~	a1	m)	a		a	.	m\	T 1.
208	АТа	H1S	Pne	arg	GTÀ	ser	65 619	ser	GIA	Thr	ser	70	ser	Leu	Thr	Ile
209 210		60					0.3					70				
211	Ser	Glv	Met	Glu	Δla	Glu	Asp	Δla	Δla	Thr	Tur	Tur	Cvs	Gln	Gln	Trn
212	75	O _T	MCC	014	n_u	80	nop	n. L.	7		85	- 1 -	0,0	U	· · · · ·	90
213																
214																
215	Ser	Ser	Asn	Pro	Phe	Thr	Phe	Gly	Ser	Gly	Thr	Lys	Leu	Glu	Ile	Asn
216					95					100					105	
217										_						
218	Arg	Ala	Asp		Ala	Pro	Thr	Val		Ile	Phe	Pro	Pro		Ser	Glu
219				110					115					120		
220	a1	.	m\		a 1	a 1	.1.	~				nh -	T	3	1	Dh.
221 222	GIN	Leu	125	ser	GTA	GTÅ	Ala	130	vaı	val	cys	Pne	135	ASN	ASN	Pne
222			125					130					133			
224	ጥህተ	Pro	T.vs	Δsn	Tle	Δsn	Val	T.vs	Tro	I.vs	Tle	Asn	ឲាស	Ser	Glu	Ara
225	- 7 -	140	פעם	vab	110	ASII	145	цуб	115	цуб	110	150	013	501	01.0	n-9
226																
227	Gln	Asn	Gly	Val	Leu	Asn	Ser	Trp	Thr	Asp	Gln	Asp	Ser	Lys	Asp	Ser
228	155		_			160		_		_	165	_		_	_	170
229																
230	Thr	Tyr	Ser	Met	Ser	Ser	Thr	Leu	Thr	Leu	Thr	Lys	Asp	Glu	Tyr	Glu
231					175					180					185	
232	_		_	_	_	_,	_			-1		•	-1			~
233	Arg	Hıs	Asn		Tyr	Thr	Cys	GLu		Thr	His	Lys	Thr		Thr	Ser
234 235				190					195					200		
236	Pro	Tle	Val	Lvs	Ser	Phe	Asn	Δra	Asn	Glu	Cvs					
237			205	_,_	-			210	11011		٠,5					
238																
239	(2)	INF	ORMA'	TION	FOR	SEQ	ID 1	NO: 6	:							
240																
241							reris									
242							base	_	irs							
243			(B) '					cid								
244							: sir	ng⊥e								
245 246			(D) !	ropoi	JOGY	: 111	near									
247	, ,		MOLE	יוור בי	ומעים	. ,	DNA									
248	(-	, .	4ODE(CLE	1151	· ·	DNA									
249																
250		(ix) FE	ATURE	E :					•						
251		•	(A) 1			: CI	os									
252			(B) 1				114	144								
253																
254		(ix) FE	ATURE	E :											
255						E/KE		nat_p		ide						
256				(B)	LOC	OITA	V: 9	98	L 444							
257																

SEQUENCE VERIFICATION REPORT PATENT APPLICATION US/08/846,658A

DATE: 06/09/98 TIME: 08:43:32

INPUT SET: S26559.raw

Line

Error

Original Text